

Please type a plus sign (+) inside this box



Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

16387 U.S. PTO
031604

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

BP3321

First Inventor

Razieh (Rozi) Roufoogaran

Title

LOW NOISE AMPLIFIER WITH CONSTANT INPUT IMPEDANCE

Express Mail Label No.

EV381323656US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

1. ☒ Fee Transmittal Form (e.g. PTO/SB/17)
(submit an original and a duplicate for fee processing)

2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.

3. ☒ Specification [Total Pages (preferred arrangement set forth below)
-Descriptive title of the invention
-Cross Reference to Related Applications
-Statement Regarding Fed sponsored R&D
-Reference to sequence listing, a table,
or a computer program listing appendix
-Background of the Invention
-Brief Summary of the Invention
-Brief Description of the Drawings (if filed)
-Detailed Description
-Claim(s)
-Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Pages

5. Oath or Declaration [Total Pages

a. ☒ Newly executed (original or copy)
Copy from a prior application (37 CFR 1.63 (d))
b. ☐ (for continuation/divisional with Box 18 completed)

i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. ☐ Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ paper
c. ☐ Statements verifying identity of above copies

16591 U.S. PTO
10/802016



031604

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & documents(s))
10. ☒ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: _____

Prior application information:

Examiner:

Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label
Insert customer no. or attach bar code label here or ☐ Correspondence address below

Name Timothy W. Markison

Address P.O. Box 160727

City Austin

State

TX

Zip Code

78716-0727

Country USA

Telephone

(512) 342-0612

FAX

(512) 342-1674

Name (Print/Type)

Timothy W. Markison

Registration No. (Att/Agent)

33,534

Signature

Date

3/11/2004

SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

031604

16367 U.S. PTO

Please type a plus sign (+) inside this box

+

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) \$810.00

Complete if Known

Application Number
Filing Date
First Named Inventor Razieh (Rozi) Roufoogaran
Examiner Name
Group Art Unit
Atty Docket No. BP3321

METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit
Account
Number
Deposit
Account
Name

50-2126

Garlick,Harrison & Markison,LLP

☒ Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status.
See 37 CFR 1.27

2. ☒ Payment Enclosed:

☐ Check ☒ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Fee Description	Fee Paid
Utility filing fee	770.00
Design filing fee	
Plant filing fee	
Reissue filing fee	
Provisional filing fee	
SUBTOTAL (1)	(\$) \$770.00

2. EXTRA CLAIM FEES

Fee From Below

Extra Claims		Fee Paid
Total Claims	14 -20** -6 X 18 =	0.00
Independent Claims	2 -3** -1 X 86 =	0.00
Multiple Dependent		

Fee Description

Claims in excess of 20
Independent claims in excess of 3
**Reissue independent claims
over original patent
**Reissue claims in excess of 20
and over original patent

SUBTOTAL (2) (\$) 0.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Fee Description

Surcharge-late filing fee or oath
Surcharge- late provisional filing fee or
or cover sheet
Non-english specifications
For filing a request for ex parte reexamination
Requesting publication of SIR prior to
Examiner action
Requesting publication of SIR after
Examiner action
Extension for reply within first month
Extension for reply within second month
Extension for reply within third month
Extension for reply within fourth month
Extension for reply within fifth month
Notice of Appeal
Filing a brief in support of appeal
Request for oral hearing
Petition to institute a public use proceeding
Petition to revive - unavoidable
Petition to revive unintentional
Utility Issue Fee (or reissue)
Design Issue Fee
Plant Issue Fee
Petitions to the Commissioner
Processing fee under 37 CFR 1.17(q)
Submissions of Information Disclosure Stmt
Recording each patent assignment per
property (times number of properties) \$40.00
Filing a submission after final rejection
(37 CFR 1.129(a))
For each additional invention to be
examined (37 CFR 1.129(b))
Request for Continued Examination (RCE)
Request for expedited Examination of design application
Other fee (specify)
Reduced by Basic Filing Fee Paid **SUBTOTAL (3)** \$40.00

SUBMITTED BY

Complete (if applicable)

Name (Print Type)	Timothy W. Markison	Registration No.	33,534	Telephone	(512) 342-0612
Signature	<i>TW Markison</i>	(Attorney Agent)		Date	3/11/2004

SEND TO: Assistant Commissioner for Patents, Washington, DC 20231



BP3321

BROADCOM CORPORATION
16215 Alton Parkway
Irvine, California 92618

Phone: 949-450-8700
Fax: 949-450-8710

May 20, 2003

To whom it may concern:

I, Henry Samueli, hereby authorize Dee Henderson, Intellectual Property Portfolio Manager, to execute documents relating to US and foreign patent and trademark matters on behalf of Broadcom Corporation and/or its subsidiaries.

A handwritten signature in cursive script, appearing to read 'H Samueli'.

Henry Samueli, Ph.D.
Chief Technical Officer and Co-Chairman